

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>MATERIAL INFORMATION STATEMENT</b> <small>(Use several sheets if necessary)</small>				ATTY. DOCKET NO. OMRF108CIP	SERIAL NO. 08/259,321
				APPLICANT Alireza Rezaie, et al.	
				FILING DATE June 10, 1994	GROUP 1806

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE	FILING DATE
PA	AA 4,506,009	03/19/85	Lenhoff, et al.				
PA	AB 5,147,638	09/15/92	Esmom, et al.				MAY 22 1995
PA	AC 5,202,253	04/13/93	Esmom, et al.				
PA	AD 5,298,599	03/29/94	Rezaie, et al.				
PA	AE 5,336,610	08/09/94	Esmom, et al.				
AF							
AG							
AH							
AI							
AJ							
AK							

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL							
AM							
AN							
AO							
AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Beckmann, Robert J, et al. "The structure and evolution of a 461 amino acid human protein C precursor and its messenger RNA based upon the DNA sequence of cloned human liver cDNAs," <i>Nucleic Acids Res.</i> 13(14):5233-5246 (1985)
AS	Colman, R.W., et al. <i>Hemostasis and Thrombosis: Basic Principles and Clinical Practice</i> 2nd Ed., p. 283 (J.B. Lippincott, Philadelphia, PA 1987)*
AT	Daugherty, et al. <i>Nucl. Acids Res.</i> 19:2471-2476 (1991)*
EXAMINER	DATE CONSIDERED 8-19-95 4/23/97

\*EXAMINER: Initial if reference considered, whether or not citation is in-conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication, to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>MATERIAL INFORMATION STATEMENT</b> (Use several sheets if necessary)		ATTY. DOCKET NO. OMRF106CIP	SERIAL NO. 08/259,321
		APPLICANT Alireza Rezaie, et al.	
		FILED DATE June 10, 1994	GROUP 1806

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MRS PFA	AR	Dreyfus, Marie, et al. "Treatment of Homozygous Protein C Deficiency and Neonatal Purpura Fulminans with a Purified Protein C Concentrate." <u>New England Journal of Medicine</u> 325(22):1565-1568 (1991)
MRS PFA	AS	Esmon, Charles T. "The Regulation of Natural Anticoagulant Pathways." <u>Science</u> 235:1348-1352 (1987)
MRS PFA	AT	Esmon, Charles T. "The Roles of Protein C and Thrombomodulin in the Regulation of Blood Coagulation." <u>J. of Biol. Chem.</u> 264(8):4743-4748 (1989)
MRS PFA	AR	Esmon, C.T., et al. at the Joint IABS/CSL Symposium on Standardization in Blood Fractionation Including Coagulation Factors. Melbourne, Australia 1986 (reported in <u>Develop. Biol. Standard.</u> , 67:51-57 (S. Karger, Basel, 1987))
MRS PFA	AS	Esmon, C.T., et al. at the Joint IABS/CSL Symposium on Standardization in Blood Fractionation Including Coagulation Factors. Melbourne, Australia 1986 in <u>Develop. Biol. Standard.</u> 67:75-82 (S. Karger, Basel, 1987)
MRS PFA	AT	Fevressinet, J.M., et al. "Inhibition of Human Protein C Activation by Vitamin K-dependent Proteins. Involvement of the γ-Carboxyglutamic Acid Domain in Distinct Interactions with the Human Thrombin-Thrombomodulin Complex and Phospholipids." <u>Thrombosis and Haemostasis</u> 58(1):230 (1987)
MRS PFA	AR	Goding, James W. "Purification, Fragmentation and Isotopic Labelling." <u>Monoclonal Antibodies: Principles and Practices</u> . 110-113 (Academic Press, Inc.) (1983)
MRS PFA	AS	Hendri, Sylvia, et al. "Immunoaffinity purification of protein C with a calcium-dependent monoclonal antibody." <u>Rev. Iberoamer. Thromb. Hemostasia</u> 4(1):25-28 (1991)
MRS PFA	AT	Hongo, Tasuku, et al. <u>Cell</u> 18:559-568. (1979)*
MRS PFA	AR	Ikeda, Kyoichi and Johan Stenflo. "A Radioimmunoassay for Protein C." <u>Thrombosis Research</u> 39:297-306 (1985)
MRS PFA	AS	Kabat, H.A., et al. <u>Sequences of Proteins of Immunological Interest</u> . 4th Ed. U.S. Dept. Health and Human Services, Bethesda, MD (1987)*
MRS PFA	AT	Kisiel, L. in <u>J. Clin. Invest.</u> 64: 761-769 (1979)*
MRS PFA	AR	Kobilka, B.K., et al. "Chimeric $\alpha_1$ - $\beta$ -Adrenergic Receptors: Delineation of Domains Involved in Effector Coupling and Ligand Binding Specificity" <u>Science</u> 240:1310-1316 (1988)*
MRS PFA	AS	Laurell, Martin, et al. "Characterization of monoclonal antibodies against human protein C specific for the calcium ion-induced conformation or for the activation peptide region." <u>FEBS Lett.</u> 191(1):75-81 (1985)
MRS PFA	AT	Matschiner, et al. <u>Current Advances in Vitamin K Research</u> . pp. 135-140. John W. Suttie, ed. (Elsevier Science Publishing Co., Inc. 1988)*
EXAMINER	<i>Alireza Rezaie</i> 8/16/2006	
	DATE CONSIDERED	8-19-95 4.23.97

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		APPLICANT Alireza Rezaie, et al.	
		FIING DATE June 10, 1994	GROUP 1808

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Max, Edward, et al. <u>J. Biol. Chem.</u> 256:5116-5120 (1981)*
AS	Nakamura, Satoko and Yoichi Sakata. "Immunoaffinity purification of protein C by using conformation-specific monoclonal antibodies to protein C-calcium ion complex," <u>Biochimica et Biophysica Acta</u> 825:85-93 (1987)
AT	Ohlin, Ann-Kristin and Johan Stenflo. "Calcium-dependent Interaction between the Epidermal Growth Factor Precursor-like Region of Human Protein C and a Monoclonal Antibody," <u>J. Biol. Chem.</u> 262:13798-13804 (1988)
AR	Ohlin, A.K. and J. Stenflo. "High Affinity Calcium to Domains of Protein C That are Homologous to the Epidermal Growth Factor," <u>Thrombosis and Haemostasis</u> 58(1):230 (1987)
AS	Riechmann, L., M. Clark, H. Waldmann, G. Winter. "Reshaping human antibodies for therapy." <u>Nature</u> , 332:323-327 (1988)*
AT	Selinson, Uri, et al. "Homozygous Protein C Deficiency Manifested by Massive Venous Thrombosis in the Newborn." <u>New England J. of Medicine</u> 310(9):559-562 (1984)
AR	Stearns, Deborah, et al. "The Interaction of a Ca <sup>2+</sup> -dependent Monoclonal Antibody with the Protein C Activation Peptide Region." <u>J. Biol. Chem.</u> 263(2):826-832 (1988)
AS	Sugio, et al. <u>Thromb. Hemost. Abscis.</u> , Brussels, 229 (1987)*
AT	Summers, M.D. and G.E. Smith. "A manual of methods for baculovirus vectors and insect cell culture procedures". Texas Agricultural Experimental Station (1987)*
AR	Suzuki, Kobl, et al. "Monoclonal Antibodies to Human Protein C: Effects on the Biological Activity of Activated Protein C and the Thrombin-Catalyzed Activation of Protein C." <u>J. Biochem.</u> 97:127-138 (1985)
AS	Taylor, F. B., et al. "Protein C Prevents the Coagulopathic and Lethal Effects of <i>Escherichia coli</i> Infusion in the Baboon." <u>J. Clin. Invest.</u> 79:918-925 (1987)
AT	Verhaeven, M., C. Milstein, G. Winter. "Reshaping Human Antibodies: Grafting an Antivitrypsin Activity." <u>Science</u> , 239:1534-1536 (1988)*
AR	Vukovich, Thomas, et al. "Replacement therapy for a homozygous protein C deficiency-state using a concentrate of human protein C and S." <u>British J. of Haematology</u> 70:435-440 (1988)
AS	Wakabayashi, et al. <u>J. Biol. Chem.</u> 261: 11097-11105 (1986)*
AT	<i>done by Janell</i> 8/15/2006
EXAMINER	DATE CONSIDERED 8-19-95 4.23.97

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